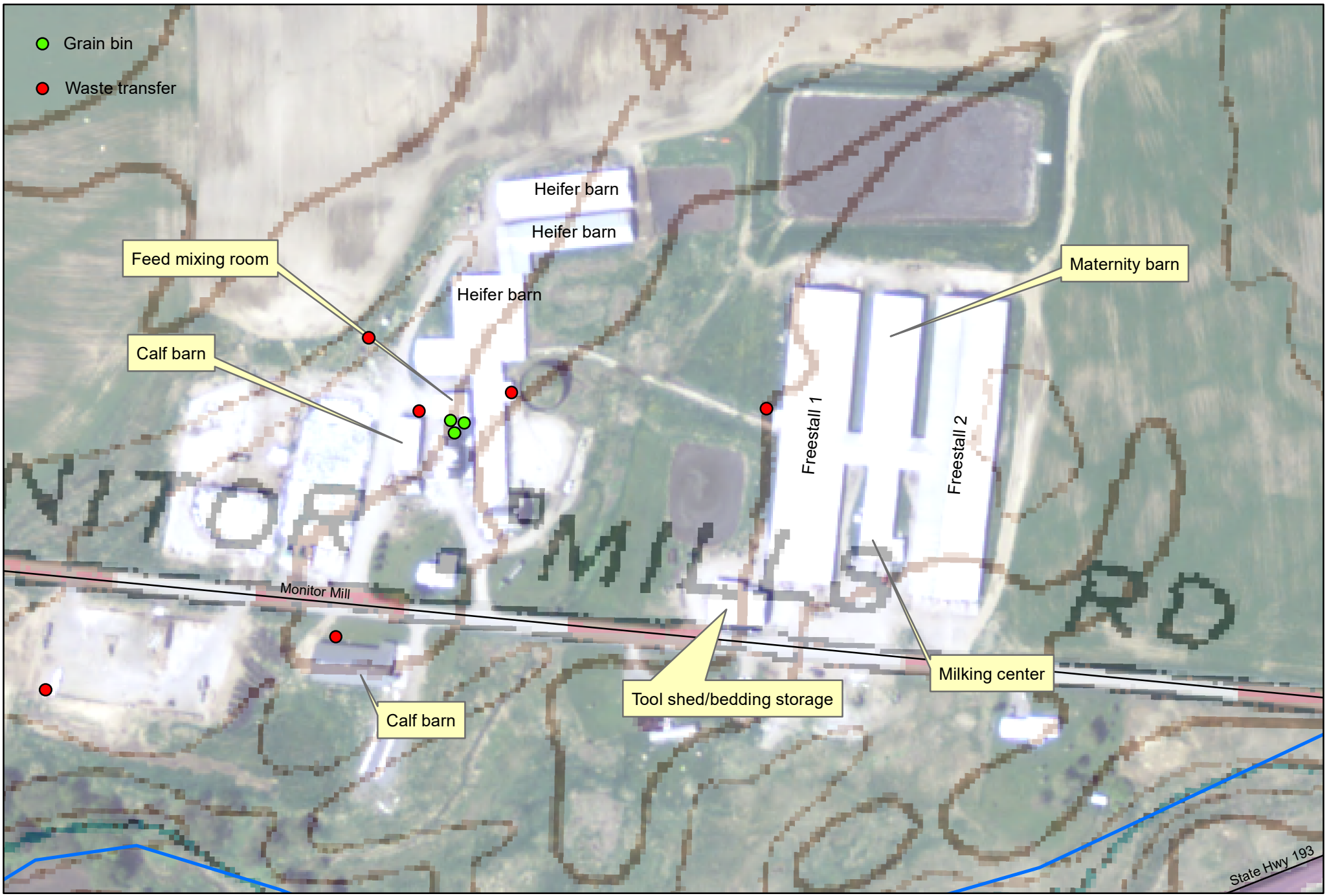
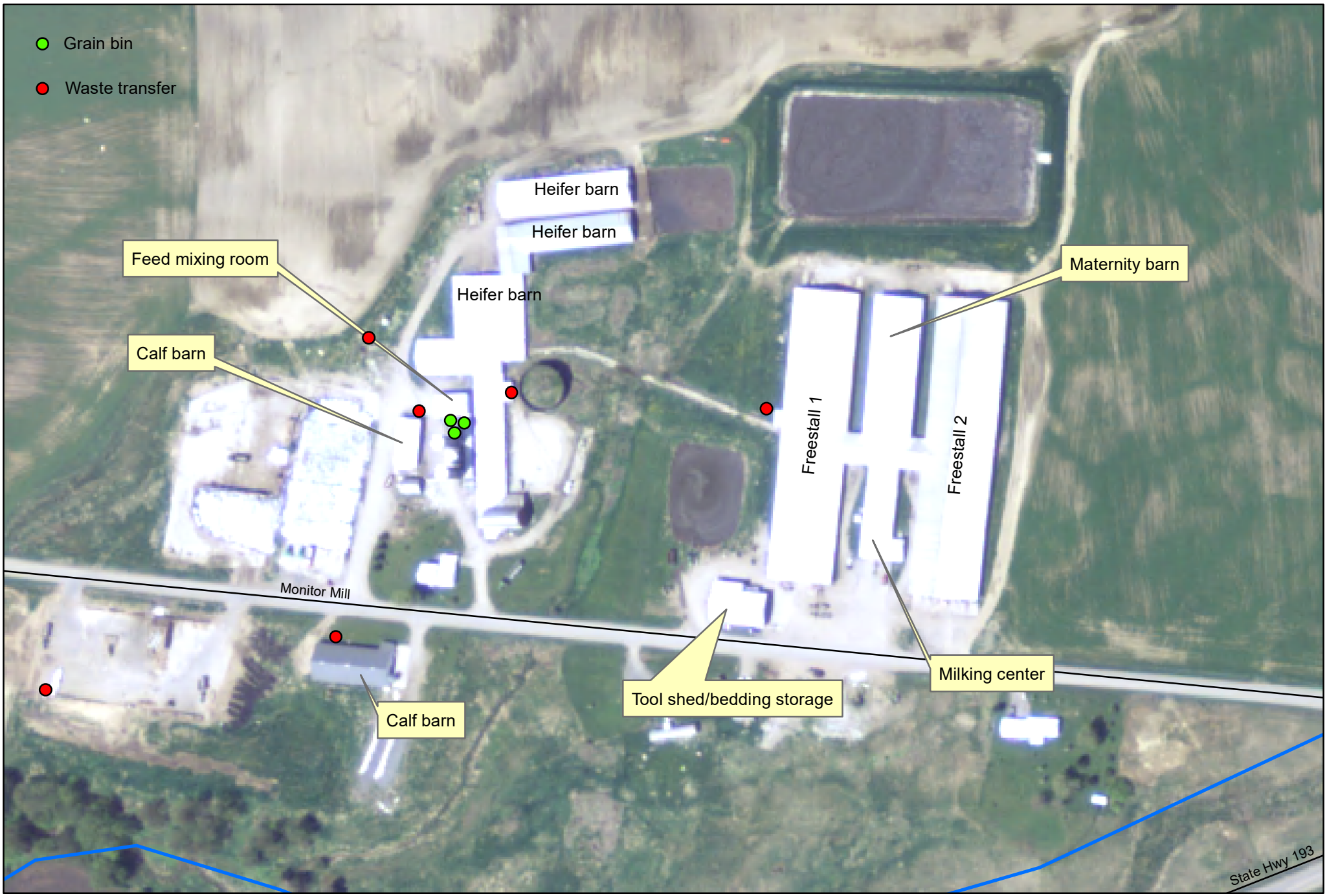
Hi Hope Farm
Town of Ellisburg, Jefferson County NY
Installed BMPs

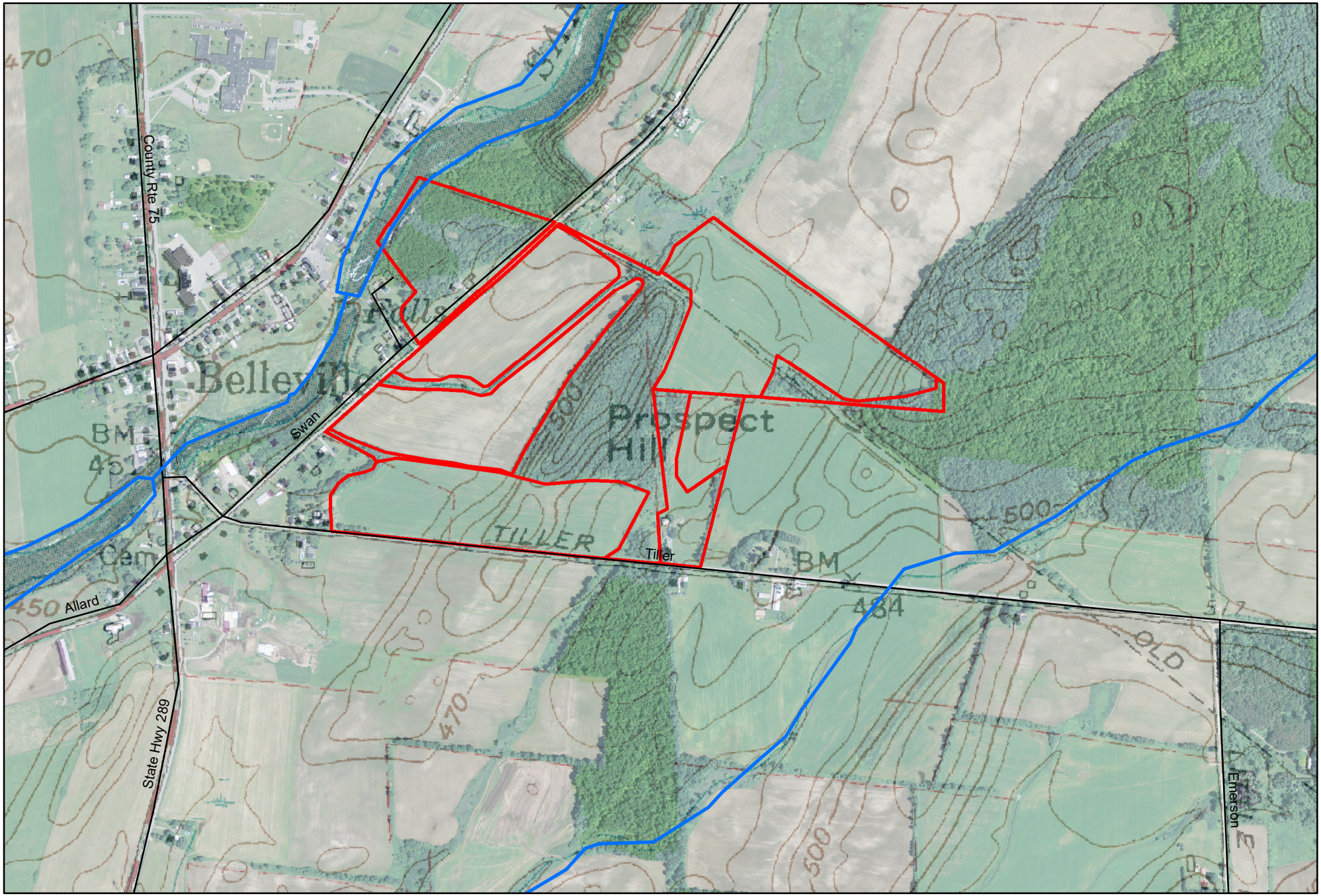
Hi Hope Farm
Town of Ellisburg, Jefferson County NY
Main Facility



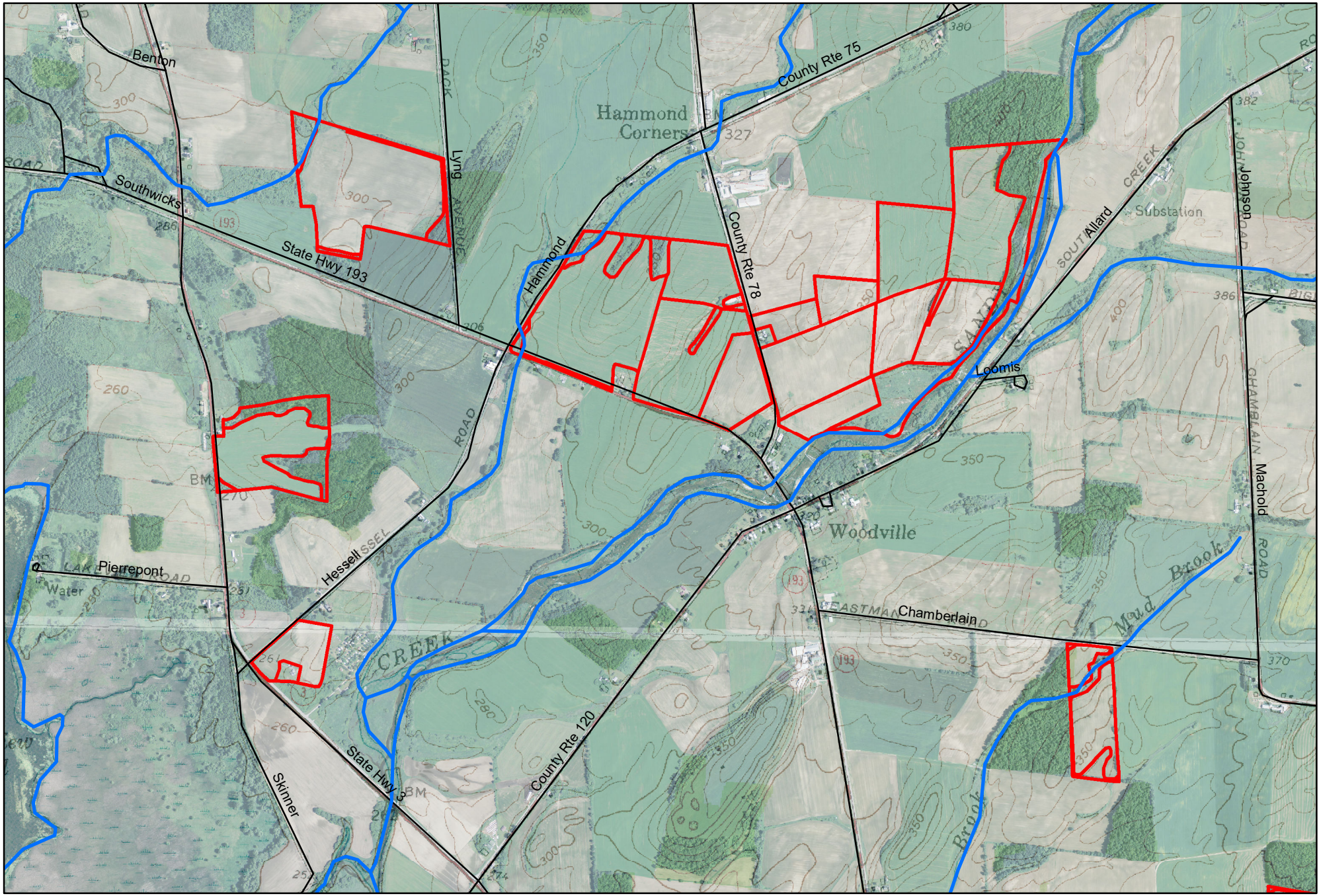
Hi Hope Farm
Town of Ellisburg, Jefferson County NY
Main Facility



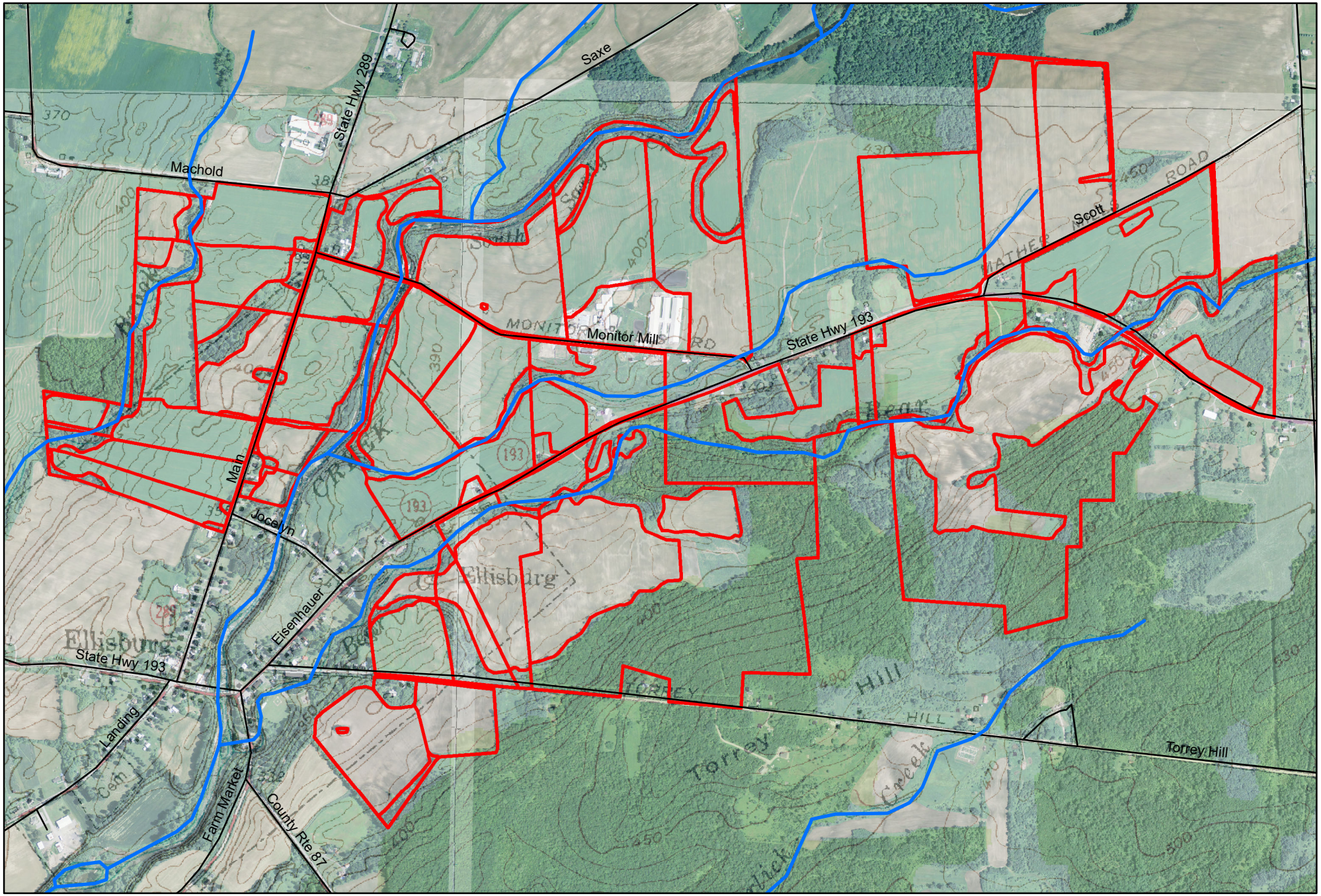
Hi Hope Farm
Adams quad
Jefferson County NY



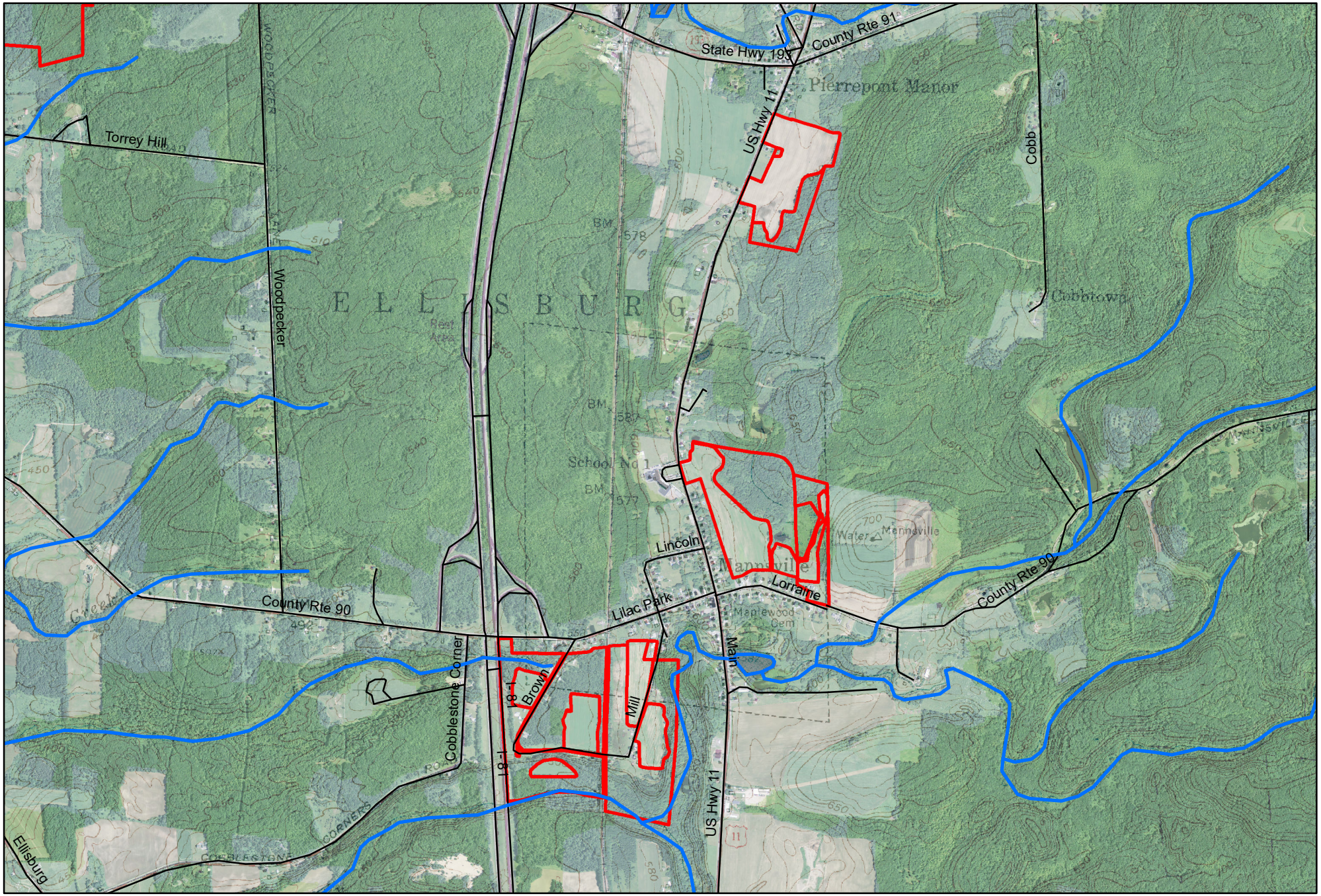
Hi Hope Farm
Henderson quad
Jefferson County NY



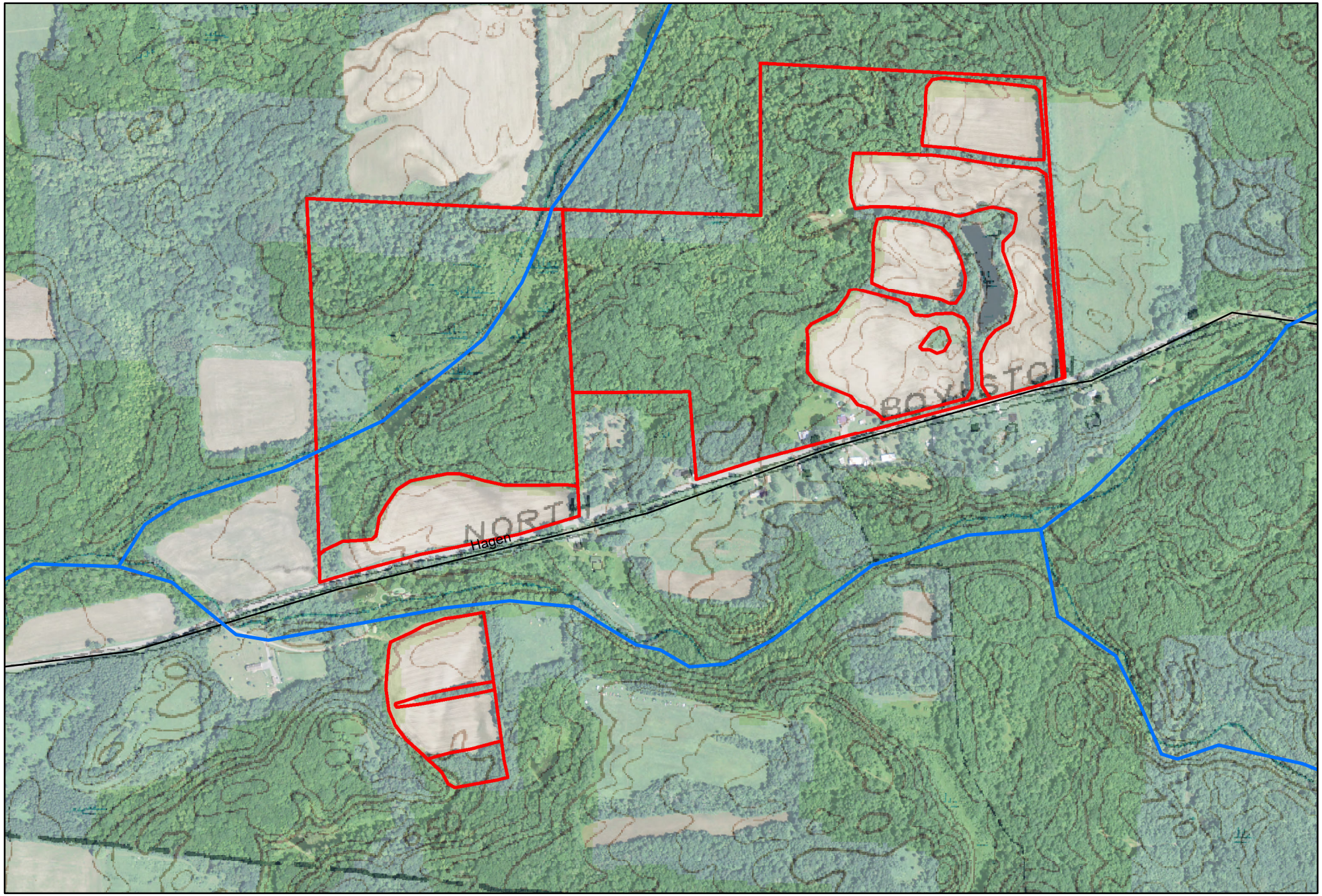
Hi Hope Farm
Ellisburg/Sandy Creek quad
Jefferson County NY



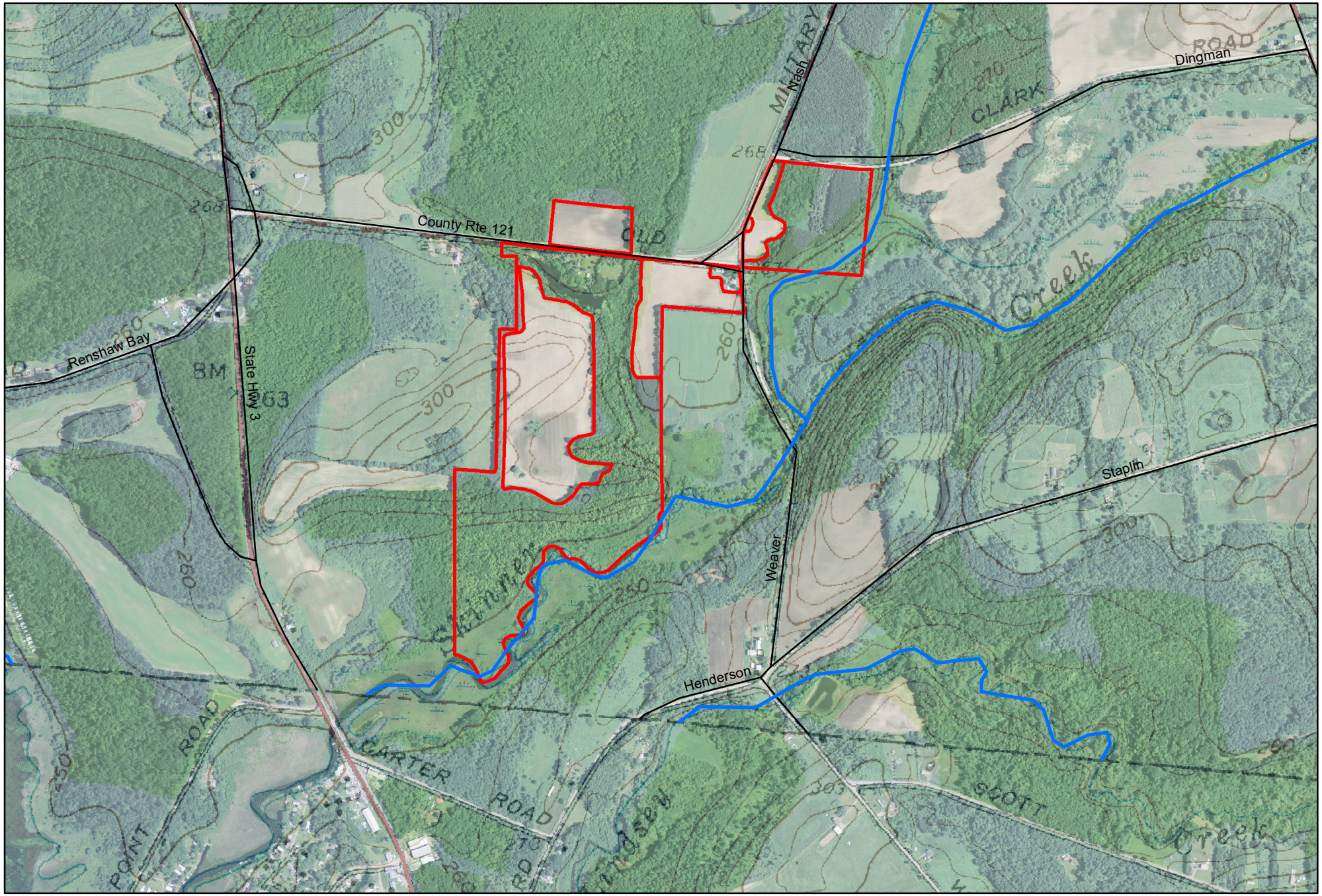
Hi Hope Farm
Sandy Creek quad
Jefferson County NY



Hi Hope Farm
Sandy Creek quad
Jefferson County NY



Hi Hope Farm
Ellisburg quad
Jefferson County NY



NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

CNMP Planner Certification Form

SPDES General Permit for Concentrated Animal Feeding Operations Annual Report

Facility Name: Hi Hope Farm Realty Associates Inc

DEC SPDES Number: NYA000535

Annual eReport Submission Number: 25H-P9ZR-ZRC0

I hereby certify that:

- I am an Agricultural Environmental Management (AEM) Planner certified to develop and review Comprehensive Nutrient Management Plans (CNMPs) for Concentrated Animal Feeding Operations (CAFOs) in New York State.
- The Comprehensive Nutrient Management Plan (CNMP) developed for this operation is in full conformance with the requirements of "NRCS Conservation Practice Standard No. NY312" and New York State General Permit No. GP-0-14-001 or GP-04-02 for Concentrated Animal Feeding Operations, under authority of the New York State Pollutant Discharge Elimination System.
- I have reviewed the Comprehensive Nutrient Management Plan (CNMP) with the owner and/or operator responsible for the proper operations of this CAFO.

CNMP Planner First Name M.I. Last Name

Christine M Wilcox

Signature

3/31/15

Date

Hi Hope Farm

Waste Handling System

Waste Storage Structures and Waste Transfer

2007 Manure Storage

Size: 204' x 407' x 12'

Capacity: 5.5 million gallons

Waste stored: Manure from Freestall 1 and 2, paper sludge bedding and milking center waste.

Freestall reception pit: 5' wide, 330' long, average 5' deep (cross gutter)

Milking center waste goes to waste transfer on east side of freestalls, then pumped to cross gutter and waste and manure flows by gravity to manure transfer on west side of freestalls.

Waste from manure transfer can either be pumped to **2007** manure storage structure or to **Original** manure storage structure.

Manure storage structure was built in 2006-2007. Structure was designed by SWCD staff and certified by USDA NRCS. Clay was trucked in from Rural Hill (analyzed sample).

Heifer Manure Storage

Size: 96' x 152' x 10'

Capacity: 700,000 gallons

Waste stored: Manure from heifer freestall barns, paper sludge bedding.

Waste is pushed into storage structure. Waste is then pumped to manure transfer on west side of freestall and into **Original** manure storage structure to load trucks/spreaders for land application

Manure storage structure was built in 1996. Structure was inspected and certified by private engineer. Structure was built with native material.

Original (1992) Manure Storage

Size: 128' x 164 x 13'

Capacity: 1.2 million gallons

Waste stored: Manure from Freestall 1 and 2, paper sludge bedding and milking center waste.

Milking center waste goes to waste transfer on east side of freestalls, then pumped to cross gutter and waste and manure flows by gravity to manure transfer on west side of freestalls.

Waste from manure transfer can either be pumped to **2007** manure storage structure or to **Original** manure storage structure.

This storage does store waste from the freestalls, but it also is the main location to load trucks/spreaders. Manure from the **heifer** storage and the **2007** storage is pumped to this structure to minimize traffic at those two structures. A main pipe is buried to the manure transfer. Waste is pumped to this pipe overland from either of these two structures.

Manure storage structure was built in 1992. Structure was inspected and certified by private engineer. Structure was built with native material.

Slurrystore – not in use

Slurrystore Reception pit: 5' wide, 20' long, 5' deep

Silage leachate low flows from **New bunk** go to tank at collection, then are pumped to waste tank at calf barn 1 , then are pumped to waste tank next to calf barn 2, then are pumped to slurrystore reception pit and pumped directly into spreaders.

Silage leachate low flows from **Old bunk** go to tank at collection, then are pumped to waste tank next to calf barn 2 and then to slurrystore reception pit and pumped directly into spreaders.

Manure and paper sludge bedding goes to slurrystore reception pit and is pumped directly to spreaders, or is cleaned from barn with skidsteer and directly loaded to spreaders.

Hi Hope Farm
Town of Ellisburg, Jefferson County NY
Waste Transfer